UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

06/08/2005

Linda K. Russell Air Liquide Suite 2200 2700 Post Oak Blvd. Houston, TX 77056 EXAMINER

WALBERG, TERESA J

ART UNIT PAPER NUMBER

ART UNIT

**DATE MAILED: 06/08/2005** 

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/676,966	10/01/2003	Jean-Yves Lehman	SERIE 5802	8122

TITLE OF INVENTION: PLATE-TYPE HEAT EXCHANGER COMPRISING A THICK FIN, AND USE OF SUCH A HEAT EXCHANGER

APPLN. TYPE	APPLN. TYPE SMALL ENTITY		ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO		\$1400	\$300	\$1700	09/08/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks I through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block I, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification		· · · · · · · · · · · · · · · · · · ·				
CURRENT CORRESPONDENCE	E ADDRESS (Note: Use Block 1 for	any change of address)		Note: A certificate of Fee(s) Transmittal. I	of mailing can only be used for this certificate cannot be used to the larger such as an assignment of the control of the cont	or domestic mailings of the for any other accompanying
7:	590 06/08/2005			have its own certification	nal paper, such as an assignme ate of mailing or transmission.	ant of formal drawing, must
Linda K. Russell Air Liquide Suite 2200 2700 Post Oak Blv Houston, TX 7705				I hereby certify that States Postal Service addressed to the M transmitted to the US	Certificate of Mailing or Trans this Fee(s) Transmittal is being the with sufficient postage for fir lail Stop ISSUE FEE address SPTO (703) 746-4000, on the control of the	mission g deposited with the United st class mail in an envelope above, or being facsimile late indicated below.  (Depositor's name)
						(Signature)
						(Date)
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nonprovisional	NO	\$1400	) 	\$300	\$1700	09/08/2005
EXAN	IINER	ART UN	IT C	LASS-SUBCLASS		
WALBERG	, TERESA J	3753		165-166000		
"Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.  3. ASSIGNEE NAME AND		e of a Customer  E PRINTED ON Telow, no assignee of this form is NO	registered attorne 2 registered paten listed, no name w THE PATENT (print data will appear on I a substitute for filir	single firm (having a y or agent) and the na t attorneys or agents. ill be printed. or type)	armes of up to If no name is 3  ignee is identified below, the continuous section is the continuous section in the c	locument has been filed for
Please check the appropriate	e assignee category or catego	ries (will not be pri	inted on the patent):	☐ Individual ☐	Corporation or other private gr	oup entity Government
4a. The following fee(s) are ☐ Issue Fee ☐ Publication Fee (No s ☐ Advance Order - # o	small entity discount permitte		Payment by cred	mount of the fee(s) is tit card. Form PTO-20 hereby authorized by imber		credit any overpayment, to
	(from status indicated above MALL ENTITY status. See		☐ b. Applicant is n	o longer claiming SM	IALL ENTITY status. See 37 C	FR 1.27(g)(2).
The Director of the USPTO NOTE: The Issue Fee and F interest as shown by the rec	is requested to apply the Iss Publication Fee (if required) vords of the United States Pat	ue Fee and Publicat will not be accepted ent and Trademark	tion Fee (if any) or to I from anyone other to Office.	re-apply any previou han the applicant; a re	usly paid issue fee to the applicate egistered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature				Date		·····
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Alexandria, Virginia 22313	-1430.				by the public which is to file (an 2 minutes to complete, including comments on the amount of the trademark Office, U.S. Departments of the Commissioner of the displays a valid OMB control of the public of the pu	



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

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Air Liquide Suite 2200			ART UNIT	PAPER NUMBER
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Houston, TX 77056	5		DATE MAILED: 06/08/200	5

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.